Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

December 4, 1975

Dr. Eunice Moore
Electrical Utilities Co.
LaSalle, Illinois 61301

Dear Dr. Moore:

We have completed the analysis for PCB's in the air at your facility. Thermal desorption of the sample into a gas chromatograph and comparison with standards provided the qualitative and quantitative data. In the table are listed levels of PCB's found, with a detection limit of 0.1 µg/l and accuracy of ± 0.1 µg/l. The threshold limit value for PCB's (42% chlorine) is 1.0 µg/l and PCB's (54% chlorine) is 0.5 µg/l. We have been glad to provide you with this service and hope it meets your satisfaction.

Sincerely,

Dr. Martin W. Dietrich
Senior Group Leader
Applied Sciences

ss
Enclosure

cc: R. H. Munch

bcc: L. M. Chapman
R. E. Keller

MONS 092309

Location	Aroclor 1016
Plugging Area #1	1.7 µg/l
Plugging Area #2	2.3 µg/l
Press Department #3	0.4 µg/l
Assembly Department #4	0.5 µg/l
Impregnation Department #5	0.7 µg/l
Winding Room #6	0.2 µg/l
Plant Manager's Office #7	ND $\leq$ 0.1
Standard #8	ND $\leq$ 0.1

Pump flow - 88 ml/min

Sampling time - 1-5 hrs.

Sample volume - 5-30 liters